

What is claimed is:

1. A method of setting a parameter to a telephone associated device, the method comprising the steps of:

- 5 (a) accessing from a client terminal to a web-server via a wide area network;
- (b) receiving at the client terminal a web-page to be used for setting the parameters from the web-server;
- (c) inputting parameter information on the web-page displayed on the client terminal;
- 10 (d) transmitting the parameter information from the web-server to a CTI server via the wide area network after the parameter information is received by the web-server;
- (e) transmitting the parameter information with one of a DTMF signal and a modem signal from the CTI server to a modem of the telephone associated
- 15 device hooked up to a public switched telephone network; and
- (f) setting the parameters to the telephone associated device based on the parameter information.

2. A method of setting a parameter to a telephone associated device, the method comprising the steps of:

- (a) accessing from a client terminal to a web-server via a wide area network;
- (b) receiving at the client terminal a web-page to be used for setting the parameters from the web-server;
- 25 (c) inputting parameter information on the web-page displayed on the client terminal;

(d) transmitting a request of transmitting the parameter to be set to the web-server upon transmission of the request of transmitting the parameter from the telephone associated device to a CTI server after the parameter information is received by the web-server;

5                   (e) upon a transmission of the parameter information from the web-server to the CTI server via the wide area network, transmitting the parameter information with one of a DTMF signal and a modem signal from the CTI server to a modem of the telephone associated device hooked up to a public switched telephone network; and

10                   (f) setting the parameter to the telephone associated device based on the parameter information.

3. The method of setting a parameter to a telephone associated device of claim 2, the method further comprising the step of: when the request of transmitting  
15 the parameter to be set to the CTI server, transmitting a caller's No., obtained by the CTI server from a notice of a caller's No. through the public switched telephone network, to the web-server together with the request.

4. The method of setting a parameter to a telephone associated device of  
20 claim 1, the method further comprising the step of: accessing to the web-server via the wide area network, then receiving the web-page from the web-server before inputting registered information, and transmitting the registered information to the web-server.

25                   5. The method of setting a parameter to a telephone associated device of claim 4, the method further comprising the step of: inquiring from the web-server

about a change in the parameter information of the telephone associated device via the CTI server, and transmitting the change to the client terminal via the web-page when the client terminal accesses the web-server via the wide area network, then receives the web-page from the web-server, and inputs some data for acknowledging  
5 the parameter information.

6. The method of setting a parameter to a telephone associated device of claim 1, the method further comprising the step of: transmitting the parameter information from the web-server to an SMTP server via e-mail, then transmitting the  
10 e-mail from the SMTP server to the CTI server.

7. The method of setting a parameter to a telephone associated device of claim 1, wherein the telephone associated device is a facsimile machine.

15 8. The method of setting a parameter to a telephone associated device of claim 6, wherein the telephone associated device is a facsimile machine.

9. The method of setting a parameter to a telephone associated device of claim 4, wherein when the registered information is stored, authentication  
20 information is stored in both the web-server and the telephone associated device for controlling the registered information responsive to each one piece of the authentication information.

10. The method of setting a parameter to a telephone associated device of  
25 claim 6, wherein when the registered information is stored, authentication information is stored in both the web-server and the telephone associated device for

controlling the registered information responsive to each one piece of the authentication information.

11. The method of setting a parameter to a telephone associated device of  
5 claim 7, wherein when the registered information is stored, authentication  
information is stored in both the web-server and the telephone associated device for  
controlling the registered information responsive to each one piece of the  
authentication information.

10 12. The method of setting a parameter to a telephone associated device of  
claim 8, wherein when the registered information is stored, authentication  
information is stored in both the web-server and the telephone associated device for  
controlling the registered information responsive to each one piece of the  
authentication information.

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13. A telephone associated device comprising:

(a) a line interface to be hooked up to a public switched telephone  
network for communication;

(b) a communicating section included in at least one of a modem  
20 for converting data into a modem signal and a DTMF transceiver for converting data  
into a DTMF signal;

(c) a parameter setting communicator for inputting data of a request  
of transmitting a parameter to the communicating section in order to transmit the  
request supplied from an input section to a CTI server, and analyzing the parameter  
25 information supplied from the communicating section when the parameter  
information is transmitted via the public switched telephone network; and

(d) a controller for storing the parameter information supplied from the parameter setting communicator into a memory, and setting functions according to the parameter information.

5           14. The telephone associated device of claim 13, wherein the parameter setting communicator further outputs parameter information supplied through the input section to the communicating section.

10           15. The telephone associated device of claim 13, wherein the memory stores authentication information, which is transmitted during a communication with a web-server.

15           16. The telephone associated device of claim 13, wherein the modem is a facsimile modem, and the device is a facsimile machine including the facsimile modem.

20           17. The telephone associated device of claim 14, wherein the modem is a facsimile modem, and the device is a facsimile machine including the facsimile modem.

25           18. The telephone associated device of claim 13 further comprising: a history memory for storing a history of changes in the parameters, wherein the history memory distinguishes a change in the parameters set by the web-server from a change through an input section of the device.

19. A web-server comprising:

(a) a web-page storage for storing a web-page to be used for setting a parameter to a telephone associated device;

(b) a parameter memory for storing parameter information of the respective telephone associated devices;

5                   (c) a web-server section for transmitting the web-page upon request from a client terminal, and when the parameter information is input to the web-page, reflecting the parameter information to the web-page and storing the parameter information in the parameter memory; and

                  (d) a notifying section for transmitting the parameter information  
10   to a CTI server when the parameter information is supplied.

20.   The web-server of claim 19, wherein the server stores the web-page, which is to receive registered information, in the web-page storage, transmitting the web-page upon request from the client terminal, and receiving the registered  
15   information before storing it to the parameter memory.

21.   The web-server of claim 20, wherein authentication information is stored in both of the web-server and the telephone associated device, and the web-server further comprising an authenticating section for carrying out  
20   authentication with the authentication information.

22.   The web-server of any one of claim 19, wherein the notifying section is a mailing section that transmits an e-mail with SMTP protocol.

25           23.   A CTI server comprising:

                  a network communicating section for communicating with a

web-server via a wide area network;

a telephone network communicating section for controlling a communication with a public switched telephone network; and

a converter for converting parameter information in a mail-format  
5 received from the web-server into one of a DTMF signal and a modem signal receivable to a telephone associated device.

24. The method of setting a parameter to a telephone associated device of claim 2, the method further comprising the step of: transmitting the parameter  
10 information from the web-server to an SMTP server via e-mail, then transmitting the e-mail from the SMTP server to the CTI server.

25. The method of setting a parameter to a telephone associated device of claim 2, wherein the telephone associated device is a facsimile machine.  
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26. The method of setting a parameter to a telephone associated device of claim 24, wherein the telephone associated device is a facsimile machine.

27. The method of setting a parameter to a telephone associated device of  
20 claim 5, wherein when the registered information is stored, authentication information is stored in both the web-server and the telephone associated device for controlling the registered information responsive to each one piece of the authentication information.

25 28. The method of setting a parameter to a telephone associated device of claim 24, wherein when the registered information is stored, authentication

information is stored in both the web-server and the telephone associated device for controlling the registered information responsive to each one piece of the authentication information.

5           29. The method of setting a parameter to a telephone associated device of claim 25, wherein when the registered information is stored, authentication information is stored in both the web-server and the telephone associated device for controlling the registered information responsive to each one piece of the authentication information.

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          30. The method of setting a parameter to a telephone associated device of claim 26, wherein when the registered information is stored, authentication information is stored in both the web-server and the telephone associated device for controlling the registered information responsive to each one piece of the authentication information.

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          31. The telephone associated device of claim 14, wherein the memory stores authentication information, which is transmitted during a communication with a web-server.

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          32. The telephone associated device of claim 14 further comprising: a history memory for storing a history of changes in the parameters, wherein the history memory distinguishes a change in the parameters set by the web-server from a change through an input section of the device.

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          33. The web-server of any one of claim 20, wherein the notifying section is



a mailing section that transmits an e-mail with SMTP protocol.

34. The web-server of any one of claim 21, wherein the notifying section is a mailing section that transmits an e-mail with SMTP protocol.